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(71) Applicant (for all designated States except US): THE
UNIVERSITY OF LIVERPOOL [GB/GB]; Senate
House, Abercromby House, Liverpool L69 3BX (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): COOPER, Andrew
[GB/GB]; 306 Beetham Plaza, The Strand, Liverpool, L2
0XJ (GB). BUTLER, Rachel [GB/GB]; 32 Fleetwood
Walk, Murdishaw, Runcorn, WA7 6DZ (GB).

(74) Agent: W.P.THOMPSON & CO.; Coopers Building,
Church Street, Liverpool, L1 3AB (GB).

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(54) Title: POROUS MATERIAL AND METHOD OF PRODUCTION THEREOF

(57) Abstract: The present invention relates to a method for producing a porous material comprising the steps of; (a) providing a C/W emulsion comprising an aqueous phase, a matrix building material, a surfactant and liquid CO₂ phase; (b) at least partially freezing the aqueous phase; (c) gasifying CO₂ from the liquid CO₂ phase to form an intermediate porous material; (d) venting the gasified CO₂ from the intermediate porous material; and (e) freeze drying the intermediate porous material at least substantially to remove the aqueous phase and form the porous material. The present invention also relates to a porous material obtainable by the method.

WO 2005/014704 A1

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